## Claims

We claim:

1. A compound of formula (I)

wherein

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Y is selected from the group consisting of OR<sup>1</sup> and NHOH;

 $R^2$  and  $R^4$  are independently selected from the group consisting of H and a moiety (optionally substituted with  $R^{10}$ ) selected from  $C_{1-6}$  alkyl,  $C_{2-6}$  alkenyl, aryl,  $C_{1-6}$  alkyl-heteroaryl, heterocycloalkyl,  $C_{1-6}$  alkyl-heterocycloalkyl, cycloalkyl and  $C_{1-6}$  alkyl-cycloalkyl;

 $R^1$  and  $R^3$  and  $R^5$  are independently selected from the group consisting of H and  $C_{1-6}$  alkyl;

provided that not more than two of R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup> and R<sup>5</sup> are H; or

any of  $CR^2R^3$ ,  $CR^4R^5$  and  $CR^2$ - $CR^4$  is a cycloalkyl or heterocycloalkyl ring optionally substituted with  $R^{10}$  or a group (optionally substituted with  $R^{10}$ ) selected from  $C_{1-6}$  alkyl, aryl,  $C_{1-6}$  alkyl-aryl, heteroaryl and  $C_{1-6}$  alkyl-heteroaryl;

B is selected from the group consisting of  $C_{1-8}$  alkyl,  $C_{2-6}$  alkenyl and  $C_{2-6}$  alkynyl, and is substituted with  $R^6$ ;

 $R^6$  is selected from the group consisting of  $N(R^7)_2$ ,  $OR^7$ ,  $COR^7$ ,  $C(=NOR^9)R^7$ ,  $NR^7R^3$ ,  $S(O)_{0-2}$ ,  $R^9$ , and  $SO_2N(R^7)_2$ ;

 $R^7$  is selected from the group consisting of H and a moiety selected from  $C_{1-6}$  alkyl, aryl,  $C_{1-6}$  alkyl-aryl, heteroaryl,  $C_{1-6}$  alkyl-heteroaryl, cycloalkyl,  $C_{1-6}$  alkyl-cycloalkyl, heterocycloalkyl and  $C_{1-6}$  alkyl-heterocycloalkyl, wherein said moiety is optionally substituted with  $R^9$ ,  $COR^9$ ,  $SO_{0-2}R^9$ ,  $CO_2R^9$ ,  $CO_2R^9$ ,  $CONR^1R^9$ ,  $NR^1R^9$ , halogen, CN,  $SO_2NR^1R^9$  or  $NO_2$ , and for each case of  $N(R^7)_2$  the  $R^7$  groups are the same or different, or  $N(R^7)_2$  is heterocycloalkyl optionally substituted with  $R^9$ ,  $COR^9$ ,  $SO_{0-2}R^9$ ,  $CO_2R^9$ ,

R<sup>8</sup> is selected from the group consisting of COR<sup>7</sup>, CON(R<sup>7</sup>)<sub>2</sub>, CO<sub>2</sub>R<sup>9</sup> and SO<sub>2</sub>R<sup>9</sup>;

 $R^9$  is selected from the group consisting of  $C_{1-6}$  alkyl, aryl,  $C_{1-6}$  alkyl-aryl, heteroaryl and  $C_{1-6}$  alkyl-heteroaryl; and

 $R^{10}$  is selected from the group consisting of  $OR^7$ ,  $COR^7$ ,  $CO_2R^1$ ,  $CON(R^7)_2$ ,  $NR^7R^8$ ,  $S(O)_{0-2}R^9$ ,  $SO_2N(R^7)_2$ , CN, halogen and cycloimidyl (optionally substituted with  $R^1$ ); or

- a salt, solvate, hydrate, N-oxide or protected amino, protected carboxy or protected by hydroxamic acid derivative thereof.
  - 2. The compound of claim 1, wherein  $R^2$  or  $R^4$  is optionally substituted  $C_{1-6}$  alkyl,  $C_{1-6}$  alkyl-heterocycloalkyl; or  $CR^2R^3$ ,  $CR^4R^5$  or  $CR^2-CR^4$  forms the said optionally substituted ring.
    - 3. The compound of claim 1, wherein B is C<sub>1-8</sub> alkyl substituted with R<sup>6</sup>.
    - 4. The compound of claim 3, wherein B is  $C_{1-8}$  alkyl substituted with  $OR^7$ .
- 5. The compound of claim 4, wherein R<sup>7</sup> is optionally substituted aryl or heteroaryl.
  - 6. The compound of claim 1, wherein  $S(O)_{0-2}$  is  $SO_2$ .
- 7. The compound of claim 1, selected from the group consisting of
  20 methyl 4-((3-(3-pyridyloxy)propylsulfanyl)methyl)tetrahydropyran-4-carboxylate,
  methyl 4-((3-(3-pyridyloxy)propylsulfonyl)methyl)tetrahydropyran-4-carboxylate, and
  4-((3-(4-pyridyloxy)propylsulfonyl)methyl)tetrahydropyran-4-carboxylate.
  - 8. The compound of claim 1, selected from the group consisting of
- 25 2-(3-phenoxypropylsulfanyl)cyclopentanecarboxylic acid methyl ester,
  - 2-(3-phenoxypropane-1-sulfonyl)cyclopentanecarboxylic acid methyl ester,
  - 2-(3-phenoxypropane-1-sulfonyl)cyclopentanecarboxylic acid and
  - 2-(3-phenoxypropane-1-sulfonyl)cyclopentanecarboxylic acid hydroxyamide.
- 9. A pharmaceutical composition for the use in therapy, comprising a compound of claim 1, and a pharmaceutically-acceptable diluent or carrier.

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10. A method for the treatment of a condition selected from the group consisting of asthma, inflammation, inflammatory diseases, autoimmune, infectious or ocular diseases, age-related macular degeneration, and cancer, which comprises administering to a subject in need thereof an effective amount of a compound of claim 1.

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11. A compound of formula (I)

B-S(O)<sub>0-2</sub>-(CH<sub>2</sub>)<sub>0-1</sub>-CR<sup>2</sup>R<sup>3</sup>-CR<sup>4</sup>R<sup>5</sup>-COY 
$$\sqrt{}$$
 (I)

wherein

Y is selected from the group consisting of OR<sup>1</sup> and NHOH;

 $R^2$  and  $R^4$  are independently selected from the group consisting of H and a moiety (optionally substituted with  $R^{10}$ ) selected from  $C_{1-6}$  alkyl,  $C_{2-6}$  alkenyl, aryl,  $C_{1-6}$  alkyl-heteroaryl,  $C_{1-6}$  alkyl-heteroaryl, heterocycloalkyl,  $C_{1-6}$  alkyl-heterocycloalkyl, cycloalkyl and  $C_{1-6}$  alkyl-cycloalkyl;

R<sup>1</sup>, R<sup>3</sup> and R<sup>5</sup> are independently selected from the group consisting of H and C<sub>1-6</sub> alkyl;

provided that not more than two of R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup> and R<sup>5</sup> are H; or

any of  $CR^2R^3$ ,  $CR^4R^5$  and  $CR^2$ - $CR^4$  is a cycloalkyl or heterocycloalkyl ring optionally substituted with  $R^{10}$  or a group (optionally substituted with  $R^{10}$ ) selected from  $C_{1-6}$  alkyl, aryl,  $C_{1-6}$  alkyl-aryl, heteroaryl and  $C_{1-6}$  alkyl-heteroaryl;

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B is  $C_{1-6}$  alky-heterocycloalkyl group optionally substituted with  $R^6$  or  $R^7$ ;

 $R^6$  is selected from the group consisting of  $N(R^7)_2$ ,  $OR^7$ ,  $COR^7$ ,  $C(=NOR^9)R^7$ ,  $NR^7R^8$ ,  $S(O)_{0-2}R^9$  and  $SO_2N(R^7)_2$ ;

 $R^7$  is selected from the group consisting of H and a moiety selected from  $C_{1-6}$  alkyl, aryl,  $C_{1-6}$  alky-aryl, heteroaryl,  $C_{1-6}$  alky-heteroaryl, cycloalkyl,  $C_{1-6}$  alkyl-cycloalkyl, heterocycloalkyl and  $C_{1-6}$  alkyl-heterocycloalkyl, wherein said moiety is optionally substituted with  $R^9$ ,  $COR^9$ ,  $SO_{0-2}R^9$ ,  $CO_2R^9$ ,  $OR^9$ ,  $CONR^1R^9$ ,  $NR^1R^9$ , halogen, CN,  $SO_2NR^1R^9$  or  $NO_2$ , and for each case of  $N(R^7)_2$  the  $R^7$  groups are the same or different, or  $N(R^7)_2$  is heterocycloalkyl optionally substituted with  $R^9$ ,  $COR^9$ ,  $SO_{0-2}R^9$ ,  $CO_2R^9$ ,  $OR^9$ ,  $CONR^1R^9$ ,  $NR^1R^9$ , halogen, CN,  $SO_2NR^1R^9$  or  $NO_2$ ;

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R<sup>8</sup> is selected from the group consisting of COR<sup>7</sup>, CON(R<sup>7</sup>)<sub>2</sub>, CO<sub>2</sub>R<sup>9</sup> and SO<sub>2</sub>R<sup>9</sup>;

 $R^9$  is selected from the group consisting of  $C_{1-6}$  alkyl, aryl,  $C_{1-6}$  alkyl-aryl, heteroaryl and  $C_{1-6}$  alkyl-heteroaryl; and

 $R^{10}$  is selected from the group consisting of  $OR^7$ ,  $COR^7$ ,  $CO_2R^1$ ,  $CON(R^7)_2$ ,  $NR^7R^8$ ,  $S(O)_{0-2}R^9$ ,  $SO_2N(R^7)_2$ , CN, halogen and cycloimidyl (optionally substituted with  $R^1$ ); or

a salt, solvate, hydrate, N-oxide or protected amino, protected carboxy or protected hydroxamic acid derivative thereof.

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- 12. The compound of claim 11, wherein  $R^2$  or  $R^4$  is optionally substituted  $C_{1-6}$  alkyl,  $C_{1-6}$  alkyl-heteroaryl, or  $C_{1-6}$  alkyl-heterocycloalkyl; or  $CR^2R^3$ ,  $CR^4R^5$  or  $CR^2$ - $CR^4$  forms the said optionally substituted ring.
- 13. The compound of claim 11, wherein the alkyl group in B is selected from the group consisting of ethyl and propyl.
  - 14. The compound of claim 11, wherein the heterocycloalkyl group in B is selected from the group consisting of azetidinyl, pyrrolidinyl and piperdinyl, aryl which is substituted with R<sup>7</sup>.
  - 15. The compound of claim 14, wherein  $R^7$  is optionally substituted aryl or heteroaryl.
- 20 16. The compound of claim 11, wherein S(O)<sub>0-2</sub> is SO<sub>2</sub>.
  - 17. The compound of claim 11, selected from the group consisting of
  - 1-{2-[1-(4-nitrophenyl)pyrrolidin-3-yl]ethylsulfanylmethyl}cyclobutanecarboxylic acid ethyl ester,
- 25 1-{2-[1-(4-nitrophenyl)pyrrolidin-3-yl]ethanesulfonylmethyl}cyclobutanecarboxylic acid ethyl ester,
  - 1-{2-[1-(4-nitrophenyl)pyrrolidin-3-yl]ethanesulfonylmethyl}cyclobutanecarboxylic acid and
    - 2-(piperidin-4-ylsulfanyl)cyclopentanecarboxylic acid methyl ester.

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18. A pharmaceutical composition for use in therapy, comprising a compound of claim 11, and a pharmaceutically-acceptable diluent or carrier.

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19. A method for the treatment of a condition selected from the group consisting of asthma, inflammation, inflammatory diseases, autoimmune, infectious or ocular diseases, age-related macular degeneration, and cancer, which comprises administering to a subject in need thereof an effective amount of a compound of claim 11.

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20. A compound of formula (I)
$$B-S(O)_{0-2}-(CH_2)_{0-1}-CR^2R^3-CR^4R^5-COY$$
(I)

wherein

Y is selected from the group consisting of OR<sup>1</sup> and NHOH;

 $R^2$  and  $R^4$  are independently selected from the group consisting of H and a moiety (optionally substituted with  $R^{10}$ ) selected from  $C_{1-6}$  alkyl,  $C_{2-6}$  alkenyl, aryl,  $C_{1-6}$  alkyl-heteroaryl,  $C_{1-6}$  alkyl-heterocycloalkyl,  $C_{1-6}$  alkyl-heterocycloalkyl, cycloalkyl and  $C_{1-6}$  alkyl-cycloalkyl;

 $R^1$ ,  $R^3$  and  $R^5$  are independently selected from the group consisting of H and  $C_{1-6}$  alkyl;

provided that not more than two of R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup> and R<sup>5</sup> are H; or

any of  $CR^2R^3$ ,  $CR^4R^5$  and  $CR^2$ - $CR^4$  is a cycloalkyl or heterocycloalkyl ring optionally substituted with  $R^{10}$  or a group (optionally substituted with  $R^{10}$ ) selected from  $C_{1-6}$  alkyl, aryl,  $C_{1-6}$  alkyl-aryl, heteroaryl and  $C_{1-6}$  alkyl-heteroaryl;

B is heterocycloalkyl, optionally substituted with  $R^6$  or  $R^7$ , bonded through a C atom to  $S(O)_{0-2}$ .

 $R^6$  is selected from the group consisting of  $N(R^7)_2$ ,  $OR^7$ ,  $COR^7$ ,  $C(=NOR^9)R^7$ ,  $NR^7R^8$ ,  $S(O)_{0-2}R^9$  and  $SO_2N(R^7)_2$ ;

 $R^7$  is selected from the group consisting of H and a moiety selected from  $C_{1-6}$  alkyl, aryl,  $C_{1-6}$  alkyl-aryl, heteroaryl,  $C_{1-6}$  alky-heteroaryl, cycloalkyl,  $C_{1-6}$  alky-cycloalkyl, heterocycloalkyl and  $C_{1-6}$  alkyl-heterocycloalkyl, wherein said moiety is optionally substituted with  $R^9$ ,  $COR^9$ ,  $SO_{0-2}R^9$ ,  $CO_2R^9$ ,  $OR^9$ ,  $CONR^1R^9$ ,  $NR^1R^9$ , halogen, CN,  $SO_2NR^1R^9$  or  $NO_2$ , and for each case of  $N(R^7)_2$  the  $R^7$  groups are the same or different, or  $N(R^7)_2$  is heterocycloalkyl optionally substituted with  $R^9$ ,  $COR^9$ ,  $SO_{0-2}R^9$ ,  $CO_2R^9$ ,  $OR^9$ ,  $CONR^1R^9$ ,  $NR^1R^9$ , halogen, CN,  $SO_2NR^1R^9$  or  $NO_2$ ;

R<sup>8</sup> is selected from the group consisting of COR<sup>7</sup>, CON(R<sup>7</sup>)<sub>2</sub>, CO<sub>2</sub>R<sup>9</sup> and SO<sub>2</sub>R<sup>9</sup>;

 $R^9$  is selected from the group consisting of  $C_{1-6}$  alkyl, aryl,  $C_{1-6}$  alkyl-aryl, heteroaryl and  $C_{1-6}$  alky-heteroaryl; and

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 $R^{10}$  is selected from the group consisting of  $OR^7$ ,  $COR^7$ ,  $CO_2R^1$ ,  $CON(R^7)_2$ ,  $NR^7R^8$ ,  $S(O)_{0-2}R^9$ ,  $SO_2N(R^7)_2$ , CN, halogen and cycloimidyl (optionally substituted with  $R^1$ ); or

a salt, solvate, hydrate, N-oxide or protected amino, protected carboxy or protected hydroxamic acid derivative thereof.

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- 21. The compound of claim 20, wherein  $R^2$  or  $R^4$  is optionally substituted  $C_{1-6}$  alkyl,  $C_{1-6}$  alkyl-heteroaryl, or  $C_{1-6}$  alkyl-heterocycloalkyl; or  $CR^2R^3$ ,  $CR^4R^5$  or  $CR^2$ - $CR^4$  forms the said optionally substituted ring.
- 22. The compound of claim 20, wherein B is selected from the group consisting of azetidinyl, pyrrolidinyl and piperidinyl, any of which is substituted with R<sup>7</sup>.
  - 23. The compound of claim 22, wherein  $\mathbb{R}^7$  is optionally substituted aryl or heteroaryl.

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- 24. The compound of claim 20, wherein  $S(O)_{0-2}$  is  $SO_2$ .
- 25. The compound of claim 20, selected from the group consisting of
- 4-(1-methoxycarbonylcyclohexylmethylsulfanyl)piperidine-1-carboxylic acid *tert*-20 butyl ester,
  - 2-(piperidin-4-ylsulfanyl)cyclopentanecarboxylic acid methyl ester,
  - 1-(piperidin-4-ylsulfanylmethyl)cyclohexanecarboxylic acid methyl ester,
  - 2-[1-(4-cyanophenyl)piperidin-4-ylsulfanyl]cyclopentane-carboxylic acid methyl ester,
- 25 1-[1-(4-nitrophenyl)piperidin-4-ylsulfanylmethyl]cyclohexanecarboxylic acid methyl ester,
  - 2-[1-(4-cyanophenyl)piperidin-4-ylsulfanyl]cyclopentanecarboxylic acid,
  - 1-[1-(4-nitrophenyl)piperidin-4-ylsulfanylmethyl]cyclohexanecarboxylic acid and
  - 1-[1-(4-nitrophenyl)piperidin-4-ylsulfinylmethyl]cyclohexanecarboxylic acid.

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26. A pharmaceutical composition for use in therapy, comprising a compound of claim 20, and a pharmaceutically-acceptable diluent or carrier.

27. A method for the treatment of a condition selected from the group consisting of asthma, inflammation, inflammatory diseases, autoimmune, infectious or ocular diseases, age-related macular degeneration, and cancer, which comprises administering to a subject in need thereof an effective amount of a compound of claim 20.